U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

	Substitute for fo	rm 144	9/PTO	Complete if Known		
	INFORMATION	DISCI	LOSURE	Application Number	10/536,834	
	STATEMENT BY	Y APF	LICANT	Filing Date	03/20/2006	
	D		4 2040	First Named Inventor	Steffen GOLETZ, et al.	
Date Submitted: November 4, 2010 (use as many sheets as necessary)				Art Unit	1643	
				Examiner Name	Karen A. Canella	
Sheet	1	of	2	Attorney Docket Number	00056-0001-001	

U.S. PATENT DOCUMENTS							
Examin	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines Where Relevant		
er Initials*	No.1	Number-Kind Code ² (# known)	MM-DD-YYYY	Cited Document	Passages or Relevan Figures Appear		
	AA	US 2002/132771	09-19-2002	Madiyalakan			
	AB	5,506,343	04-09-1996	Dana-Farber Cancer			
	AC	5,683,674	11-04-1997	Imperial Cancer Institute			
	AD	5,804,187	09-08-1998	Cancer Research Fund			
	AE	6.315.997	11-13-2001	Cancer Research Fund			

			FOREIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	AF	WO 02/44217	06-06-2002	Lo Benny Kwan Ching		
	AG	WO 01/12217	02-22-2001	Altarex, Inc.		
	AH	WO 93/20841	10-28-1993	Dana-Farber		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, senial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, cty and/or country where publishers.	T ⁶
	AI	Goletz, et al., "Binding Patterns of 33-TD-4(MUC1) Antibodies Towards Single-Chain Fragments and Peptides Mimicking the Conformation of the MUC1 PDTRP EPITOPE", Tumor Biology, Vol. 21, No. Supplement 1, page 142, September 2000.	
	AJ	Dai, et al., "Effect of Desialylation on Binding, Affinity, and Specificity of 56 Monoclonal Antibodies Against MUC1 Mucin", Tumor Biology, Vol. 19, Supplemental 19, pages 100-110, 1998.	
	AK	Hinoda, et al., 'Circulating Turnor-Associated Antigens Detected by Monoclonal Antibodies Against the Polypeptide Core of Mucin: Comparison of Antigen MUSE11 with CA15-3', Gastroenterologia Japonica, Vol. 27, No. 3, pages 390-395, 1992.	
	AL	Jensen, et al., "Functional Improvement of Antibody Fragments Using a Novel Phage Coat Protein III Fusion System", Biochemical and Biophysical Research Communications, Vol. 298, pages 566-573, 2002.	
	AM	Freshney, "Culture of Animal Cells, A Manual of Basic Technique", Alan R. Liss, Inc., 1983, New York, page 4.	
	AN	Dermer, "Another Anniversary for the War on Cancer", Bio/technology, Vol. 12, page 320, 1994.	
	AO	MSNBC News Services, "Mixed Results on New Cancer Drug", November 9, 2000.	

Examiner Signature	/Karen A. Canella, Ph.D./	Date Considered	01/31/2011

EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not *EXAMINE*: Initial if reference considered, whether or not classon is in conformance with MFEP 660. Drew line through classon if not in conformance and not considered, include copy of the form with next communication to applicant. It Applicant is unplicated indegration number (optional). See Refine Codes of consideration of the part of the reign of the Empiror must proceed the serial number of the part of the reign of the Empiror must proceed the serial number of the part of common in the document on the document under WFPO Standard ST. 15 growable. 8 Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

Translation is attached.

Translation is required by 37 CFF 157 and 158. The information is required to obtain or retain a benefit by the policy which is to fit (and the common in the common of the co

PTO/SB/08 (09-06)

Approved for use through 03/31/2007. OMB 0051-0031

U.S. Patient and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it tortains a valid OMB

	Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE			LOSURE	Application Number	10/536,834	
STATEMENT BY APPLICANT				Filing Date	03/20/2006	
			4 0040	First Named Inventor	Steffen GOLETZ, et al.	
Date Submitted: November 4, 2010			per 4, 2010	Art Unit	1643	
	(use as many sheets as necessary)			Examiner Name	Karen A. Canella	
Sheet	2	of	2	Attorney Docket Number	00056-0001-001	

		NON PATENT LITERATURE DOCUMENTS	_			
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s) publisher, city and/or country where published.				
	AP	Gura, "Systems for Identifying New Drugs are Often Faulty", Science, Vol. 278, pages 1041-1042, 1997.				
	AQ	Wu, et al., "Humanization of a Murine Monoclonal Antibody by Simultaneous Optimization of Framework and CDR Residues", Journal of Molecular Biology, Vol. 294, pages 151-162, 1999.				
	AR	Burgess, et al., "Possible Dissociation of the Heparin-Binding and Mitogenic Activities of the Heparin- Binding (Acidic Fibroblast) Growth Factor-1 from its Receptor Binding Activities by Site Directed Mutagenesis of a Single Lysine Residue", Journal of Cell Biology, Vol. 111, pages 2129-2138, 1990.				
	AS	Lazar, et al., "Transforming Growth Factor Alpha: Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities", Molecular and Cellular Biology, Vol. 8, pages 1247-1252, 1988.	I			
	AT	Fieblg, et al., "Clonogenic Assay with Established Human Tumor Xenografts: Correlation of In Vitro to In Vivo Activity as a Basis for Anticancer Drug Discovery", European Journal of Cancer, Vol. 40, pages 802-820. 2004				
-	AU	Scheibel, et al., "Contribution of N- and C-Terminal Domains to the Function of Hsp90 in				
		Saccharomyces Cerevisiae", Molecular Microbiology, Vol. 34, pages 701-713, 1999.				
	AV	Skerra, et al., "Alternative Non-Antibody Scaffolds for Molecular Recognition", Current Opinion in Biotechnology, Vol. 18, pages 295-303, 2007.				
	AW	Hosse, et al., "A New Generation of Protein Display Scaffolds for Molecular Recognition", Protein Science, Vol. 15, pages 14-27, 2006.	Ī			
	AX	Hufton, et al., "Development and Application of Cytotoxic T Lymphocyte-Associated Antigen 4 as a Protein Scaffold for the Generation of Nevel Binding Ligands", FEBS Letters, Vol. 475, Issue 3, pages 225-231.				
	AY	Nicalse, et al., "Affinity Transfer by CDR Grafting on a Nonimmunoglobulin Scaffold", Protein Science, Vol. 13, pages 1882-1891, 2004.				
	AZ	Peach et al., "Complementarity Determing Region 1 (CDR1)- and CDR3-analogous Regions in CTLA-4 and CD28 Determine the Binding to B7-1", Journal of Experimental Medicine, Vol. 180, pages 2049-2058.				
	BA	Saerens, et al., "Identification of a Universal VHH Framework to Graft Non-Canonical Antigen-Binding Loops of Camel Single-Domain Antibodies", Journal of Molecular Biology, Vol. 352, Issue 3, pages 597-607, September 2005.				

Examiner Signature	/Karen A. Canella, Ph.	Date Considered	01/31/2011

EXAMINER: Initial if reference considered, whether or not classion is in conformance with IMPEP 690. Draw line through classion incl in conformance and not considered include copy of this form with next communication to applicant. I Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at sever usering over VMEP 99 (not IA). 3 Finer Office that issued the document, by the two-tester cook (MIVO Datavidard ST. 3). 4 For Impares petent document, is enrication of the year of the region of the Enperor must precode the seals number of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the control must have a fine of the platent document. 5 Kind of document by the expression of the document unit of the document unit of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the document unit of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the platent document. 5 Kind of document by the expression of the platent document by the benefit of the platent document. 5 Kind of document by the benefit of the platent document by the benefit of the platent document. 5 Kind of document by the benefit of the platent document by the benefit of the platent document. 5 Kind of document by the benefit of the platent document by the benefit of the platent document by the benefit of the platent by the benefit of the plate

Transition is attached.
This colection of Information is required by 37 CFR 1,97 and 1,98. The information is required to obtain or retain a benefit by the public which is to file (and by the LUSETO to process) an application. Confidentially is governed by 35 LSC. 122 and 170 CFR 1.46. This collection is estimated to late 2 hours to compress, the collection of the collection of the collection is estimated to late 2 hours to compress on the amount of time pour requires to compress the formation of their collections of the amount of time pour requires to template this form and/or collection of the amount of time pour requires to complete this form and/or collection of the amount of time pour requires to complete this formation of time. Us. Patent and Trademark Office, P.O. Bot 1400, Alexandric N, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEMD TO: Commissioner for Patentin, P.O. Bot 1400, Alexandric N, VA 22313-1460.